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COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 1 of 3

In the Application of COWGILL et al.

Serial No.: Unassigned

Art Unit: Unassigned

Filed: on even date herewith

Examiner: Unassigned

Title: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
LT	AA-1	5,231,178	Jul. 27, 1993	Holtz et al.			
LT	AB-1	5,324,639	Jun. 28, 1994	Brierly et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES	Translation NO
LT	AC-1	WO 92/12993	Aug. 6, 1992	PCT	<del>  </del>	<del>  </del>		

Examiner: *R. D. Cowgill*

Date Considered: *6-5-97*

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
LT	AD-1 ✓	K. Axelsson et al., "Disulfide arrangement of human insulin-like growth factor I derived from yeast and plasma" <i>Eur. J. Biochem.</i> (1992) <u>206</u> :987-994
	AE-1	J.Y. Chang et al., "Single-Step Solubilization and Folding of IGF-1 Aggregates from <i>Escherichia coli</i> " <i>Protein Folding: in vivo and in vitro</i> (American Chemical Society, 1993) pp. 178-188
	AF-1	S. Elliott et al., "Yeast-Derived Recombinant Human Insulin-Like Growth Factor I: Production, Purification, and Structural Characterization" <i>J. Protein Chem.</i> (1990) <u>9</u> :95-104
	AG-1 ✓	G. Forsberg et al., "Separation and characterization of modified variants of recombinant human insulin-like growth factor I derived from a fusion protein secreted from <i>Escherichia coli</i> " <i>Biochem. J.</i> (1990) <u>271</u> :357-363
	AH-1 ✓	R.A. Hart et al. "Effect of environment on insulin-like growth factor I refolding selectivity" <i>Biotechnol. Appl. Biochem.</i> (1994) <u>20</u> :217-234
	AI-1 ✓	K.R. Hejnaes et al., "Development of an optimized refolding process for recombinant Ala-Glu-IGF-I" <i>Prot. Eng.</i> (1992) <u>5</u> :797-806
	AJ-1	S. Hober et al., "Disulfide Exchange Folding of Insulin-like Growth Factor I" <i>Biochem.</i> (1992) <u>31</u> :1749-1756
	AK-1	H. Meng et al., "Reduction Studies on Bacterial Recombinant Somatomedin C/Insulin-like Growth Factor" <i>J. Chromatog.</i> (1988) <u>443</u> :183-192

Examiner:

*P. Orfan*

Date Considered:

*6-5-92*

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
LT	AL-1	J.A. Miller et al., "Oxidative Refolding of Insulin-like Growth Factor I Yields Two Products of Similar Thermodynamic Stability: A Bifurcating Protein-Folding Pathway" <i>Biochemistry</i> (1993) <u>32</u> :5203-5213
	AM-1	L.O. Narhi et al., "role of Native Disulfide Bonds in the Structure and Activity of Insulin-like Growth Factor I: Genetic Models of Protein-Folding Intermediates" <i>Biochemistry</i> (1993) <u>32</u> :5214-5221
	AN-1	M. Niwa et al., "Chemical Synthesis, cloning, and Expression of Genes for Human Somatomedin C (Insulin-like Growth Factor I) and <sup>59</sup> Val-Somatomedin C" <i>Ann. NY Acad. Sci.</i> (1986) <u>469</u> :31-52
	AO-1	E. Samuelsson et al. "Enhanced <i>in Vitro</i> Refolding of Insulin-like Growth Factor I using a Solubilizing Fusion Partner" <i>Biochemistry</i> (1994) <u>33</u> :4207-4211
	AP-1	

Examiner:

*RF Boyce*

Date Considered:

*6-5-97*

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